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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.

HELENA, MONTANA

Vol. XIX, No. 6 ③ JUNE, 1971

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1971 averaged 96,410 barrels daily, an increase of 2,464 barrels from the average May, 1971 production of 93,946.

The nine refineries in the state processed 131,755 barrels of crude oil daily for the month of June, 1971, an increase of 44,452 barrels from the 87,303 barrels processed daily during the month of May, 1971.

During June 32 wells were completed, 3 oil, 0 gas and 29 dry holes.

During June the commission issued 51 permits to drill new wells, an increase of 10 from the 41 permits issued during May.

SUMMARY OF CRUDE PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1971

IN STORAGE JUNE 1st	
By Producers	334,779
By Transporters	1,479,253
By Refiners	1,278,651
TOTAL STORAGE	3,092,683
Produced in Montana During Month	2,892,286
Imported During Month	3,071,074
TOTAL	9,056,043
DISPOSITION:	
Refined in Montana	3,952,655
Exported	2,320,477
Used for Fuel or Lost	9,384
TOTAL	6,282,516
IN STORAGE JUNE 30th	
By Producers	300,381
By Transporters	1,375,187
By Refiners	1,097,959
TOTAL STORAGE	2,773,527

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1971

Field	M. Cu. Ft.
Bell Creek	211,981
Big Coulee	41,765
Blackjack	20,239
Bowdoin	60,572
Bowes	29,664
Cabin Creek	97,175
Cedar Creek	105,526
Cut Bank (including Reagan)	309,406
Dry Creek	21,194
Elk Basin	69,112
Flat Coulee	0
Gold Butte	3,437
Grandview	49,430
Hardin	2,864
Keith Block	176,565
Kevin Sunburst	25,094
Lake Basin	62,799
Middle Butte	581
Mt. Lilly	0
Pine	50,069
Plevna	5,145
Tiger Ridge—Squaw Coulee	134,383
Trail Creek	25,630
Utopia	0
Whitlash	45,609
Miscellaneous	217,771
TOTAL	2,266,011

Total Withdrawals for June, 1970 were 1,990,161

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PRODUCERS REPORT — MONTH OF JUNE, 1971

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
3	Ash Creek	3	91	1,881	—	1,830	—	142
1	Bainville	1	3,050	4,176	—	4,132	—	3,094
2	Bannatyne	2	573	393	393	—	—	573
—	Bascom	—	165	—	—	—	—	165
5	Bear's Den	6	2,029	939	—	251	—	2,717
45	Bell Creek	342	37,721	476,424	480,597	—	402	33,146
—	Benrud	—	69	—	—	—	20	49
2	Benrud East	2	1,913	12,580	13,215	—	—	1,278
1	Benrud Northeast	1	810	2,662	3,041	—	—	431
1	Berthelote	1	361	197	—	—	—	558
6	Big Wall	20	1,993	8,642	9,248	—	—	1,387
5	Blackfoot	5	1,089	2,610	2,517	—	—	1,182
4	Border	5	2,093	589	—	401	—	2,281
1	Bowes	39	7,028	11,283	15,790	—	—	2,521
1	Bradley	1	334	597	611	—	—	320
1	Brady	1	220	—	—	—	—	220
4	Brorson-Madison	4	1,470	4,155	—	4,558	—	1,067
6	Brorson-Red River	6	4,459	12,000	—	12,206	—	4,253
3	Brorson-Red River South	3	1,026	9,210	—	8,316	76	1,844
6	Brush Lake	6	615	21,089	20,684	—	—	1,020
2	Cabin Creek	93	—	306,018	306,018	—	—	—
1	Canal	1	917	10,244	—	10,307	—	854
12	Cat Creek	62	2,292	16,218	15,633	690	—	2,187
1	Clark's Fork	1	58	120	—	162	—	16
1	Clark's Fork South	1	586	589	—	784	—	391
3	Conrad South	3	100	797	797	—	—	100
2	Cow Creek	2	445	1,954	—	1,921	—	478
1	Culbertson	1	808	1,625	—	2,160	—	273
2	Cupton	2	2,350	2,729	—	3,536	—	1,543
137	Cut Bank	842	57,166	463,871	468,045	1,015	61	51,916
—	Dean Dome	—	65	—	—	—	—	65
1	Deer Creek	1	540	1,319	1,391	—	—	468
1	Delphia	1	320	260	—	—	—	580
—	Devil's Basin	—	671	—	—	—	—	671
2	Dwyer	14	3,977	22,911	23,097	—	—	3,791
3	Elk Basin	52	929	156,257	156,386	—	—	800
5	Elk Basin Northwest	9	7,821	7,250	6,717	—	—	8,354
7	Fairview	10	9,768	41,380	15,072	28,388	—	7,688
1	Fertile Prairie	1	656	636	—	715	—	577
9	Flat Coulee	27	4,905	7,029	7,522	—	—	4,412
44	Flat Lake	59	5,588	51,176	52,241	—	—	4,523
6	Flat Lake South	6	987	10,193	10,259	—	—	921
1	Ft. Gilbert	2	638	14,911	14,520	—	—	1,029
1	Frannie	1	—	2,550	2,550	—	—	—
11	Fred & George Creek	36	2,463	28,887	28,658	—	—	2,692
1	Gage	1	156	107	—	—	—	263
3	Gas City	17	6,928	25,002	22,135	5,163	—	4,632
2	Girard	2	1,402	3,760	—	4,436	—	726
11	Glendive	15	3,859	29,004	29,820	—	—	3,043
29	Goose Lake	34	6,380	36,210	37,956	—	—	4,634
9	Graben Coulee	17	4,942	3,889	2,138	2,366	—	4,327
2	Gypsy Basin	2	944	947	947	—	—	944
1	Hay Creek—Mission Canyon	1	121	1,626	1,613	—	—	134
2	Hay Creek—Red River	2	769	8,643	8,700	—	—	712
5	Hiawatha	5	3,446	8,078	9,421	—	—	2,103
1	Hibbard	1	876	470	—	411	—	935
1	Injun Creek	1	1,081	408	—	—	478	1,011
5	Ivanhoe	11	1,734	5,497	4,172	—	—	3,058
1	Jim Coulee	1	539	1,297	1,020	—	—	816
4	Keg Coulee	18	3,888	12,223	11,875	—	—	4,236
2	Keg Coulee North	2	589	585	462	—	—	712
1	Kelley	5	412	4,327	4,243	—	—	496
84	Kevin Sunburst	391	8,755	28,027	25,608	4,344	—	6,830
8	Laird Creek	10	622	3,619	—	3,822	5	414
2	Leary	2	1,435	2,691	—	2,470	436	1,220
1	Little Beaver	23	—	36,310	36,310	—	—	—
2	Little Beaver East*	12	2,352	14,783	15,112	—	—	2,023
1	Little Wall Creek	1	632	4,853	4,459	—	—	1,026
1	Lodge Grass	1	921	1,215	—	1,484	159	493
3	Lookout Butte (Coral Creek)	31	838	65,058	65,055	—	—	841
2	Mason Lake	2	228	563	651	—	—	140
1	Melstone	2	387	1,601	1,326	—	18	644
1	Mineral Bench	1	665	757	831	—	—	591
2	Miner's Coulee	2	107	304	—	304	—	107
11	Monarch	14	4,164	17,075	11,803	3,997	—	5,439
4	Mosser	4	—	1,616	—	1,616	—	—
2	Otis Creek	2	1,414	5,944	—	6,236	—	1,122
6	Outlook	8	6,214	21,153	23,517	—	—	3,850
1	Outlook South	1	1,088	1,010	1,327	—	—	771
2	Outlook West	2	2,110	2,590	3,186	—	—	1,514
1	Pennel-Lookout Butte	113	—	146,642	146,642	—	—	—
4	Pine	114	17,529	268,744	268,725	—	—	17,548
62	Pondera	283	6,970	27,125	26,733	—	—	7,362
8	Poplar	66	10,228	54,448	55,348	—	119	9,209
3	Poplar Northwest	3	1,030	1,402	810	—	—	1,622
1	Prairie Elk	1	1,173	395	593	—	—	975
3	Pritchard Creek	3	167	1,399	1,399	—	—	167
4	Ragged Point	12	1,791	6,263	5,994	—	11	2,049
2	Rattlesnake Coulee	2	806	315	443	—	—	678
2	Reagan	45	526	18,618	18,727	—	—	417
1	Red Creek	21	—	16,552	16,552	—	—	—
1	Red Fox	1	376	769	874	—	—	271
1	Redstone	1	507	2,370	2,635	—	—	242
1	Repeat	1	400	1,510	—	1,730	—	180
5	Reserve	5	1,608	7,210	8,818	—	—	—
1	Richey	1	259	795	831	—	—	223
1	Richey Southwest	6	—	2,944	2,944	—	—	—
—	Rough Creek	—	266	—	—	—	—	266
1	Rush Mountain	1	544	2,766	2,984	—	—	326
2	Salt Lake	2	806	3,603	—	4,007	—	402
5	Sand Creek	8	4,314	5,804	6,475	—	—	3,643
—	Shotgun Creek	—	248	—	—	—	—	248
—	Sidney	—	50	—	—	—	—	50
1	Snyder	1	399	816	—	939	—	276
7	Soap Creek	20	2,397	3,871	—	3,784	—	2,484
1	Spring Lake	2	1,407	2,663	—	2,619	—	1,451
1	Stensvad	5	2,297	40,029	39,729	—	—	2,597
11	Sumatra	72	6,937	66,565	68,016	—	—	5,486
4	Tule Creek	5	3,316	25,450	25,707	—	—	3,059
2	Tule Creek East	2	812	8,726	9,107	—	—	431
2	Tule Creek South	2	1,088	4,264	1,197	1,740	36	2,379
2	Vida	2	528	1,401	—	1,509	—	420
3	Volt	4	2,255	11,587	12,225	—	—	1,617
2	Weed Creek	3	435	2,796	2,814	—	2	415
3	Weldon	6	766	15,527	15,308	—	—	985
1	West Butte	1	—	2,247	—	2,247	—	—
17	Whitlash	44	7,198	13,150	13,158	—	—	7,190
1	Whitlash West	1	447	351	187	—	—	611
4	Willow Creek North	4	947	4,680	4,809	—	—	818
2	Wills Creek South	2	—	2,534	2,534	—	—	—
6	Wolf Springs	9	4,018	4,549	5,551	—	—	3,016
2	Woodrow	2	266	1,515	1,666	—	—	115
5	Wright Creek	5	2,137	2,421	2,914	—	—	1,645
—	Wildcat, Blaine Cty	—	157	—	—	—	—	157
—	Wildcat, Carbon Cty	—	310	—	—	—	—	310
1	Wildcat, Daniels Cty	1	174	377	—	214	—	337
1	Wildcat, Fallon Cty	4	1,477	9,529	—	9,607	—	1,399
2	Wildcat, Glacier Cty	5	1,650	960	1,336	—	—	1,274
1	Wildcat, Liberty Cty	1	404	51	—	—	—	455
5	Wildcat, Richland Cty	5	1,625	24,330	—	23,416	—	2,539
1	Wildcat, Roosevelt Cty	1	577	1,811	—	1,735	—	653
1	Wildcat, Toole Cty	1	—	819	—	819	—	—
763	Total	3,218	334,779	2,892,286	2,752,474	172,387	1,823	300,381

Total Oil Produced & Shipped From Leases

	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1970	37,878,697	103,777	37,852,275	103,705
First Quarter, 1971	8,927,663	99,196	8,923,130	99,146
April, 1971	2,879,927	95,998	2,892,643	96,421
May, 1971	2,912,335	93,946	2,897,800	93,477
June, 1971	2,892,286	96,410	2,924,861	97,495

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total Oil In Storage‡
December, 1970	336,076	1,501,692	1,002,035	2,839,803
March, 1971	334,585	1,128,200	766,138	2,228,923
April, 1971	320,948	1,350,358	837,419	2,508,725
May, 1971	334,779	1,479,253	1,278,651	3,092,683
June, 1971	300,381	1,375,187	1,097,959	2,773,527

*Montana Oil Only. ‡Includes Wyoming Oil.

TRANSPORTERS REPORT — MONTH OF JUNE, 1971

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—									
Western Crude Oil, Inc.			1,830				1,830		
BAINVILLE—									
Rock Island Oil & Ref. Co.			4,132				4,132		
BEAR'S DEN—Truck			251				251		
BELL CREEK—Pipeline	64,975	480,597					266,310	198,377	80,885
BIG WALL—									
Continental Pipeline Co.		9,248				9,248			
BLACKFOOT—									
Camerland Cardinal Corp.		2,517						2,517	
BORDER—Permian Corp.			401					401	
BOWES—Texaco Inc.		15,790				15,790			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Rock Island Oil & Ref. Co.			25,080					25,080	
BRUSH LAKE—Portal Pipeline Co.		20,590					20,590		
CABIN CREEK & OTHERS—*									
Butte Pipeline Co.	374,682	701,245	18,762	681,991			1,431,207		345,473
Shell Pipeline Co.	3,720	272,407			304			273,687	2,136
	378,402	973,652	18,762	681,991	304		1,431,207	273,687	347,609
CANAL—Rock Island Oil & Ref. Co.			10,307				10,307		
CAT CREEK—									
Continental Pipeline Co.		15,633				15,633			
Truck			690			690			
		15,633	690			16,323			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			946				946		
COW CREEK—West. Crude Oil Corp.			1,921				1,921		
CULBERTSON—Spruce Oil Co.			2,160				2,160		
CUT BANK—									
Continental Pipeline Co.			11,986	368,834				380,820	
Phillips Petroleum Co.	67,256	182,400			2,890	140,882		31,558	74,326
Texas Pipeline Co.	12,107	52,356		85,057				130,813	18,707
Union Oil Co.	112,254	63,991		8,267	395	95,132			88,985
Western Oil Trans. Co.		64,213						64,213	
Western Oil Trans. Co. (Moulton)		99,685						99,685	
	191,617	462,645	11,986	462,158	3,285	236,014		707,089	182,018
DWYER—Portal Pipeline Co.		23,097					23,097		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		162,519				162,519			
FAIRVIEW—Fairview Pipeline Co.		15,072					15,072		
Rock Island Oil & Ref. Co.			28,388				28,388		
		15,072	28,388				43,460		
FLAT COULEE—									
Camerland Cardinal Corp.		6,385				6,385			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		57,069					57,069		
FT. GILBERT—									
Fairview Pipeline Co.		14,520					14,520		
FRANNIE—Interstate Pipeline Co.		2,550					2,550		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	17,921	29,623				29,717			17,827
GIRARD—Rock Island Oil & Ref. Co			4,436				4,436		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	3,014	27,429			(262)			25,349	5,356
GOOSE LAKE—									
Portal Pipeline Co.		33,621					33,621		
HAY CREEK—									
Fairview Pipeline Co.		10,313					10,313		
HIAWATHA—									
Continental Pipeline Co.		9,021					9,021		
HIBBARD—Truck			411			411			
IVANHOE—									
Continental Pipeline Co.		4,172				4,172			
JIM COULEE—									
Continental Pipeline Co.		1,020					1,020		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		12,324				11,859	465		
KELLEY—									
Continental Pipeline Co.		4,526				4,526			
KEVIN SUNBURST—									
Big West Oil Co.	7,215	20,875				21,259			6,831
Homestake Oil & Gas Co.	3,562	2,372				2,549			3,385
Texas Pipeline Co.	7,371	11,888		4,326	343			16,249	6,993
	18,148	35,135		4,326	343	23,808		16,249	17,209
LEARY—Permian Corp.			2,470				2,470		
LITTLE WALL CREEK—									
Continental Pipeline Co.		4,459					4,459		
LODGE GRASS—Permian Corp.			1,484			1,484			
MASON LAKE—									
Continental Pipeline Co.		651				651			
MELSTONE—									
Continental Pipeline Co.		1,326				1,326			
MOSSER—Permian Corp.			1,616				1,616		
OTIS CREEK—									
Western Crude Oil, Inc.			6,236				6,236		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		28,031					28,031		
PONDERA—Phillips Petr. Co.	24,960	28,130			445	30,428			22,217
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH AND VOLT—									
East Poplar Gathering System	15,130	80,751			(479)			80,345‡	16,015
RAGGED POINT—									
Continental Pipeline Co.		5,995				5,995			
RED CREEK—									
Western Oil Transportation Co.		18,373						18,373	
RESERVE—Portal Pipeline Co.		8,773					8,773		
RUSH MOUNTAIN—									
Sinclair Refining Co.		2,984					2,984		
SALT LAKE—									
Rock Island Oil & Ref. Co.			4,007				4,007		
SNYDER—Permian Corp.			939			939			
SOAP CREEK—Permian Corp.			3,784				3,784		
SPRING LAKE—									
Rock Island Oil. & Ref. Co.			2,619				2,619		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	763,718	104,341		1,927,626	(1,939)	92,082		2,021,732	683,810
TULE CREEK—									
Spruce Oil Corp.	1,368	36,010				35,137			2,241
Permian Corp.			1,740			1,740			
	1,368	36,010	1,740			36,877			2,241
WEED CREEK—									
Continental Pipeline Co.		2,814				2,814			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		13,276				9,000		4,276	
WILLOW CREEK NORTH—									
Continental Pipeline Co.		4,809						4,809	
WOLF SPRINGS—									
Continental Pipeline Co.		5,551				5,551			
WILDCAT WELLS—Truck			35,791				35,791		
TOTALS	1,479,253	2,775,342	172,387	3,076,101	1,697	707,919	2,039,996	3,378,284	1,375,187

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon & Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1971

Field	Big West Oil Co	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Ref. Co.	Total
Big Wall	.....	9,248	.....	.....	.....	.....	.....	.....	.....	9,248
Bowes	.....	.....	18,706	.....	.....	.....	.....	.....	.....	18,706
Cat Creek	.....	1,974	.....	15,991	.....	25	.....	.....	.....	17,990
Cut Bank	61,095	.....	.....	.....	.....	.....	134,900	.....	148,861	344,856
Delphia	.....	.....	.....	.....	.....	11	.....	.....	.....	11
Elk Basin	.....	60,963	.....	16,444	85,111	.....	.....	.....	.....	162,518
Flat Coulee	.....	.....	.....	.....	.....	.....	.....	.....	6,385	6,385
Fred & George Creek	39,717	.....	.....	.....	.....	.....	.....	.....	.....	39,717
Gage & Gage Southwest	.....	.....	.....	.....	.....	4	.....	.....	.....	4
Hibbard	.....	.....	.....	.....	.....	12	.....	.....	.....	12
Ivanhoe	.....	4,172	.....	.....	.....	.....	.....	.....	.....	4,172
Keg Coulee	.....	2,234	.....	9,625	.....	.....	.....	.....	.....	11,859
Kelley	.....	.....	.....	.....	4,526	.....	.....	.....	.....	4,526
Kevin Sunburst	33,808	.....	.....	.....	.....	.....	.....	.....	.....	33,808
Lodge Grass	.....	1,484	.....	.....	.....	.....	.....	.....	.....	1,484
Mason Lake	.....	651	.....	.....	.....	.....	.....	.....	.....	651
Melstone	.....	.....	.....	1,326	.....	.....	.....	.....	.....	1,326
Pondera	.....	.....	.....	.....	.....	.....	25,795	.....	.....	25,795
Ragged Point	.....	.....	.....	5,995	.....	.....	.....	.....	.....	5,995
Snyder	.....	939	.....	.....	.....	.....	.....	.....	.....	939
Sumatra & Stensvad	.....	19,127	.....	72,955	12,481	.....	.....	.....	.....	104,563
Tule Creek	.....	.....	.....	.....	.....	.....	.....	69,651	.....	69,651
Weed Creek	.....	.....	.....	.....	2,814	.....	.....	.....	.....	2,814
Whitlash	.....	.....	.....	.....	.....	.....	9,000	.....	.....	9,000
Wolf Springs	.....	.....	.....	.....	5,551	.....	.....	.....	.....	5,551
Total Montana Oil	134,620	100,792	18,706	122,336	110,483	52	169,695	69,651	155,246	881,581
Canadian Oil Imported	.....	425,869	.....	227,360	202,812	.....	.....	.....	.....	856,041
Wyoming Oil Imported	.....	717,555	.....	451,902	1,045,576	.....	.....	.....	.....	2,215,033
Total Montana, Canadian, and Wyoming Oil	134,620	1,244,216	18,706	801,598	1,358,871	52	169,695	69,651	155,246	3,952,655

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1970	24,878	25,744	65,351	115,973
June, 1970	23,942	27,220	59,909	111,071
June, 1971	29,386	28,535	73,834	131,755

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
21.45%	22.20%	56.35%
21.56%	24.50%	53.94%
22.30%	21.66%	56.04%